

28"/32" 100Hz Stereo Super Flat



- *Super Flat Black Line S*
- *100Hz Digital Scan*
- *Crystal Clear III*
- *Widescreen Plus*
- *Active Control*
- *Dolby Virtual*
- *20 W RMS*
- *2 On Board Speakers*
- *1200 Page Easytext*
- *Text Dual Screen*
- *Top Controls*
- *Side Connections*

Black Line S

CRYSTAL CLEAR III

easy  1200 P

100 DIGITAL
Hz SCAN



VIRTUAL
 DOLBY
SURROUND



28"/32" 100Hz Stereo Super Flat



Technical specifications

Picture

- Screen Size: 28" (70 cm)
32" (82 cm)
- Visible screen size: 66 cm (28")
76 cm (32")
- Picture Tube: Super Flat Black Line S
- 100 Hz Digital Scan
- Crystal Clear III
- Active Control
- Widescreen Plus
- Picture Freeze

Sound

- Sound Power: 20 W RMS
40 W Music Power
- Dolby Virtual
- 2 On Board Speakers
- Digital Signal Processing

Ease of Use Installation

- 100 Preset channels
- Autostore
- Fine Tuning
- Sorting
- Smart ATS and ACI

Ease of Use Utilisation

- Top Controls
- RC 2592 (suitable for VCR/DVD/SAT)
- Program List
- Smart Picture Control: Eco, Natural, Rich, Multimedia, Personal
- Smart Sound Control: Movie, Speech, Music, Personal
- AVL
- Dual I-II
- 6 Wide screen modes: 4:3, Zoom 14:9, Zoom 16:9, Subtitle Zoom, Super Zoom, Wide screen
- Subtitle and Heading shift
- Autoformat / Autoscreen fit (incl. WSSB)
- Smart Clock
- Sleep Timer
- Child Lock
- Picture Tilt Control (32" only)

Connections

Side

- S-Video (Y/C) in
- CVBS Video in
- Audio L/R (cinch/RCA) in
- Headphone Jack 3,5 mm out

Back

- Euro A/V connector Ext1 (RGB in, CVBS in/out)
- Euro A/V connector Ext2 (RGB in, S-Video in/out, CVBS in/out)
- Stereo Audio out (cinch) Constant level

Information

- 1200 Page Text level 2.5 with Habit Watch
- Text Dual Screen
- Program Information Line
- NexTV Level 2
- NexTV Link

Reception

- Tuning System: PLL digital tuning
- Tuner: VHF, UHF, S-Channel, Hyperband
- Aerial Input: 75 ohm Coaxial
- TV System: See table
- Stereo System: See table
- Video Playback: NTSC 4.43/3.58

Miscellaneous

- Mains: AC 220-240V +/- 10%
- Power Consumption: 151W Normal Operation
0,34W Stand by
- Set Weight: 28" - 35 kg
32" - 46 kg
- Weight Incl. Packaging: 28" - 39 kg
32" - 54.8 kg
- Set Dimension (WxHxD): 28" - 762x489x506 mm
32" - 857x541x556 mm
- Box Dimension (WxHxD): 28" - 876x630x659 mm
32" - 962x706x695 mm
- TV colour : Digital Silver (10810)

Product highlights

Super Flat Black Line S

Philips TV picture tube with invar mask gives less deformation and therefore can provide 80% more contrast than conventional picture tubes for brilliant colours and minimal reflections, even when viewing in daylight. This superflat tube gives a flatter

100 Hz Digital Scan

Conventional Televisions show a picture by scanning 50 times per second (50 Hertz). This frequency can be detected by the human eye in the form of a field flickering picture. 100 Hertz sets show a picture by scanning 100 times per second eliminating the field flickering. Philips' Digital Scan doubles the number of field changes thus also eliminating visible line flicker. The result is an absolute stable picture relaxing for your eyes.

Crystal Clear III

A unique package of picture innovations including Combfilter, Scavem, Dynamic Contrast. Crystal Clear III, using 10 bit processing, offers 30% more contrast, natural colors and a high level of detail.

Active Control

Active Control automatically analyses, 50 times per second, the incoming signal and adjusts the key picture settings on Sharpness, Digital Noise Reduction and Picture Format. Active Control thus offers the best possible picture settings any time, any source.

Dolby Virtual

Dolby processing circuitry for an enhanced cinema surround sound effect without the need for rear speakers.

1200 Page Easytext

Almost instant access to frequently used teletext pages (Habitwatch) and the ability to scroll through subpages without waiting.

Teletext Dual Screen

The ability to show a picture and text side by side from the same channel.

Top Controls

Volume and channel change controls on top of the tv to enable easy adjustment without the remote control

Side Connections

Connections for headphone and other inputs such as camcorder, side entry for ease of use

version		stereo system						transmission system					
		2CS DK	NICAM DK	2CS BG	NICAM BG	NICAM I	NICAM LL'	PAL BG	PAL DK	PAL I	SECAM BG	SECAM DK	SECAM LL'
70/82WA8416	/05	•	•	•	•	•	•	•	•	•	•	•	•
70/82WA8416	/12	•	•	•	•	•	•	•	•	•	•	•	•
70/82WA8416	/19	•	•	•	•	•	•	•	•	•	•	•	•
70/82WA8416	/58	•	•	•	•	•	•	•	•	•	•	•	•

Predecessor : 70/82WA8414
Chassis : EMG
Introduction : Year 2001

Features and specifications subject to change without notice